

**IN THE CLAIMS**

Claims 1, 2 and 3 have not been amended and Claims 4-9 have been added and are now in this application. All pending claims, whether amended or not, are included below.

1. (Original) An apparatus comprising:
  - at least one carbon nanotube;
  - wherein each carbon nanotube is formed directly on a protrusion by the steps comprising:
    - creating at least one nanosize catalyst retaining structure; and forming the at least one carbon nanotube from said at least one nanosize catalyst retaining structure.
2. (Original) An apparatus comprising:
  - at least one carbon nanotube;
  - wherein each carbon nanotube is formed directly on a protrusion by the steps comprising:
    - placing a catalyst within at least one nanosize pore; and forming the at least one carbon nanotube from said at least one nanosize pore.
3. (Original) An apparatus comprising:
  - at least one carbon nanotube;
  - wherein each carbon nanotube is formed directly on a protrusion from a nanosize pore containing catalyst.
4. (New) An apparatus in accordance with Claim 3, wherein the apparatus is a microelectromechanical device.

5. (New) An apparatus in accordance with Claim 3, wherein the apparatus is a scanning probe tool tip.
6. (New) An apparatus in accordance with Claim 3, wherein the apparatus is a flat panel display pixel.
7. (New) An apparatus in accordance with Claim 3, wherein the apparatus is a field emission device.
8. (New) An apparatus in accordance with Claim 3, wherein the carbon nanotube is used as a molecular antenna.
9. ((New) An apparatus in accordance with Claim 3, wherein collection of the carbon nanotubes is a functional device.